

PATENT
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Susumu ARIMORI et al.

Serial No: Not Assigned

Filed: Herewith

For: PHOTO-INDUCED ELECTRON
TRANSFER FLUORESCENT
SENSOR MOLECULES

Parent Art Unit: 1655

Parent Examiner: Betty J. Forman

#5/B
9/6/92

PRELIMINARY AMENDMENT

BOX PATENT APPLICATION
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

Prior to the first Office Action in the present application, please enter and consider the following amendments and remarks:

IN THE SPECIFICATION:

Please replace the text of the last paragraph on page 4 and the first paragraph on page 5 with the following text:

In the above formula, Fl is a fluorophore, N is a nitrogen atom, Bd1 and Bd2 are independently selected binding groups, Sp is an aliphatic spacer, and An is an anchor group for attaching the sensor to solid substrates. n, m, x, and y are integers, where n = 1 or 2, m = 1 or 2, and y = 1 or 2. The binding groups are capable of binding an analyte molecule to form a stable 1:1 complex. Examples of